IN THE CLAIMS

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1. (Twice Amended) In a feed forward amplifier that receives an input signal and amplifies the input signal to produce an amplified signal, wherein the feed forward amplifier determines an error signal based on the input signal and the amplified signal, wherein the feed forward amplifier amplifies the error signal to produce an amplified error signal, and wherein the amplified error signal comprises an error component and an error signal distortion component, an apparatus for correcting distortion in the amplified error signal comprising:

a control circuit that receives an attenuated version of the error signal, detects a peak power of the received error signal, and produces a control signal based on the detected peak power, wherein the control signal is capable of controlling an adjustment of an amplitude of the input signal and a phase of the input signal, and, by controlling an adjustment of the input signal, controlling the error signal distortion component.

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17. (Twice Amended) The feed forward amplifier of claim 15, further comprising a delay circuit interposed between the gain and phase adjuster and the summation junction that introduces a timing delay into the amplitude and phase adjusted portion of the error signal.

REMARKS

In an Office Action dated February 28, 2003, (paper no. 7) the Examiner rejected claims 1-4, 10-14, and 18-20 under 35 U.S.C. §102(b) as being anticipated by Carvers (U.S. patent no. 5,489,875) and rejected claims 5, 6, 10-14, and 21-25 under 35 U.S.C. §102(e) as being anticipated by Yoo et al. (U.S. patent no. 5,489,875, hereinafter referred to as "Yoo"). The Examiner rejected claim 17 under 35 U.S.C. §112 as lacking antecedent basis for the phrase "the summation junction." The Examiner objected to claims 7-9 and 15-16 and as being dependent upon a rejected base claim but as being allowable if rewritten in independent form including all of the limitations of the base claim and any intervening claims. The rejections and objections are traversed and reconsideration is hereby respectfully requested.